

## **Integrated Visual and Language-Based System and Method for Reusable Data Transformations**

### **Abstract**

There is provided a system and method for deploying a set of coupled data transformation modules describing a data transformation, the data transformation for transforming a data structure from a first format to a second format, the method including the steps of receiving an instruction for selecting the set of transformation modules from a memory; converting each of the set of transformation modules to a common model format, the set of modules having at least one transformation module being of a module type of a type set including language constructed modules and visually constructed modules; and generating an executable version of the converted transformation modules suitable for execution by a data transformation engine; wherein the executable version when executed transforms the data structure from the first format to the second format.